

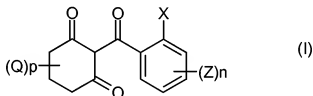
**AMENDMENTS TO THE CLAIMS**

Changes shown with additions and ~~[[deletions]]~~, the double bracket format preferred in this instance for ease of illustrating certain changes.

This listing of claims will replace all prior versions, and listings, of claims in the application:

We claim:

1. (Previously Presented) A herbicidal composition comprising:
  - (i) a metal chelate of a 2-(substituted benzoyl)-1,3-cyclohexanedione of formula (I)



wherein X represents a halogen atom; a straight- or branched-chain alkyl or alkoxy group containing up to six carbon atoms which is optionally substituted by one or more groups  $-\text{OR}^1$  or one or more halogen atoms; or a group selected from nitro, cyano,  $-\text{CO}_2\text{R}^2$ ,  $-\text{S}(\text{O})_m\text{R}^1$ ,  $-\text{O}(\text{CH}_2)_r\text{OR}^1$ ,  $-\text{COR}^2$ ,  $-\text{NR}^2\text{R}^3$ ,  $-\text{SO}_2\text{NR}^2\text{R}^3$ ,  $-\text{CONR}^2\text{R}^3$ ,  $-\text{CSNR}^2\text{R}^3$  and  $-\text{OSO}_2\text{R}_4$ ;

$\text{R}^1$  represents a straight- or branched-chain alkyl group containing up to six carbon atoms which is optionally substituted by one or more halogen atoms;

$\text{R}^2$  and  $\text{R}^3$  each independently represents a hydrogen atom; or a straight- or branched-chain alkyl group containing up to six carbon atoms which is optionally substituted by one or more halogen atoms;

$\text{R}^4$  represents a straight- or branched-chain alkyl, alkenyl or alkynyl group containing up to six carbon atoms optionally substituted by one or more halogen atoms; or a cycloalkyl group containing from three to six carbon atoms;

each Z independently represents halo, nitro, cyano,  $\text{S}(\text{O})_m\text{R}^5$ ,  $\text{OS}(\text{O})_m\text{R}^5$ ,  $(\text{C}_1\text{--}\text{C}_6)\text{alkyl}$ ,  $(\text{C}_1\text{--}\text{C}_6)\text{alkoxy}$ ,  $(\text{C}_1\text{--}\text{C}_6)\text{haloalkyl}$ ,  $(\text{C}_1\text{--}\text{C}_6)\text{haloalkoxy}$ , carboxy,  $(\text{C}_1\text{--}\text{C}_6)\text{alkylcarbonyloxy}$ ,  $(\text{C}_1\text{--}\text{C}_6)\text{alkoxycarbonyl}$ ,  $(\text{C}_1\text{--}\text{C}_6)\text{alkylcarbonyl}$ , amino,  $(\text{C}_1\text{--}\text{C}_6)\text{alkylamino}$ ,  $(\text{C}_1\text{--}\text{C}_6)\text{dialkylamino}$  having independently the stated number of carbon atoms in each alkyl group,  $(\text{C}_1\text{--}\text{C}_6)\text{alkylcarbonylamino}$ ,  $(\text{C}_1\text{--}\text{C}_6)\text{alkoxycarbonylamino}$ ,  $(\text{C}_1\text{--}\text{C}_6)\text{alkylaminocarbonylamino}$ ,  $(\text{C}_1\text{--}\text{C}_6)\text{dialkylaminocarbonylamino}$  having independently the stated number of carbon atoms in each alkyl group,  $(\text{C}_1\text{--}\text{C}_6)\text{alkoxycarbonyloxy}$ ,  $(\text{C}_1\text{--}\text{C}_6)\text{alkylaminocarbonyloxy}$ ,

(C<sub>1</sub>-C<sub>6</sub>)dialkylcarbonyloxy, phenylcarbonyl, substituted phenylcarbonyl, phenylcarbonyloxy, substituted phenylcarbonyloxy, phenylcarbonylamino, substituted phenylcarbonylamino, phenoxy or substituted phenoxy;

R<sup>5</sup> represents cyano, -COR<sup>6</sup>, -CO<sub>2</sub>R<sup>6</sup> or -S(O)<sub>m</sub>R<sup>7</sup>;

R<sup>6</sup> represents hydrogen or straight- or branched-chain alkyl group containing up to six carbon atoms;

R<sup>7</sup> represents (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)haloalkyl, (C<sub>1</sub>-C<sub>6</sub>)cyanoalkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl optionally substituted with halogen, cyano or (C<sub>1</sub>-C<sub>4</sub>)alkyl; or phenyl optionally substituted with one to three of the same or different halogen, nitro, cyano, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy or -S(O)<sub>m</sub>R<sup>8</sup>;

R<sup>8</sup> represents (C<sub>1</sub>-C<sub>4</sub>)alkyl;

each Q independently represents (C<sub>1</sub>-C<sub>4</sub>)alkyl or -CO<sub>2</sub>R<sup>9</sup> wherein R<sup>9</sup> is (C<sub>1</sub>-C<sub>4</sub>)alkyl;

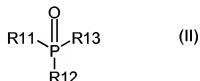
m is zero, one or two;

n is zero or an integer from one to four;

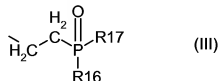
r is one, two or three; and

p is zero or an integer from one to six; and

(ii) an organic phosphate, phosphonate or phosphinate adjuvant, wherein the phosphate, phosphonate or phosphinate adjuvant is a compound of formula II



wherein R<sup>11</sup> is an alkoxy group containing from 4 to 20 carbon atoms or a group -[OCH<sub>2</sub>CHR<sup>14</sup>]<sub>t</sub>-OR<sup>15</sup> wherein R<sup>14</sup> is hydrogen, methyl or ethyl, t is from 0 to 50 and R<sup>15</sup> is hydrogen or an alkyl group containing from 1 to 20 carbon atoms; and R<sup>12</sup> and R<sup>13</sup> are independently (i) an alkyl or alkenyl group containing from 4 to 20 carbon atoms; (ii) optionally substituted phenyl; (iii) an alkoxy group containing from 4 to 20 carbon atoms or (iv) a group -[OCH<sub>2</sub>CHR<sup>14</sup>]<sub>t</sub>-OR<sup>15</sup> as herein defined; or (v) a group of formula (III)



wherein R<sup>16</sup> is an alkoxy group containing from 4 to 20 carbon atoms or a group -[OCH<sub>2</sub>CHR<sup>14</sup>]<sub>n</sub>-OR<sup>15</sup> as herein defined and R<sup>17</sup> is an alkyl group containing from 4 to 20 carbon atoms, optionally substituted phenyl, an alkoxy group containing from 4 to 20 carbon atoms or a group -[OCH<sub>2</sub>CHR<sup>14</sup>]<sub>n</sub>-OR<sup>15</sup> as herein defined; and wherein t is from 0 to ten.

2. (Original) A herbicidal composition according to claim 1, wherein X is chloro, bromo, nitro, cyano, C<sub>1</sub>-C<sub>4</sub> alkyl, -CF<sub>3</sub>, -S(O)<sub>m</sub>R<sup>1</sup>, or -OR<sup>1</sup>.
3. (Previously Presented) A herbicidal composition according to claim 1, wherein each Z is independently chloro, bromo, nitro, cyano, C<sub>1</sub>-C<sub>4</sub> alkyl, -CF<sub>3</sub>, -OR<sup>1</sup>, -OS(O)<sub>m</sub>R<sup>5</sup> or -S(O)<sub>m</sub>R<sup>5</sup>.
4. (Previously Presented) A herbicidal composition according to claim 1, wherein n is one or two.
5. (Previously Presented) A herbicidal composition according to claim 1, wherein p is zero.
6. (Previously Presented) A herbicidal composition according to claim 1, wherein the compound of formula (I) is selected from the group consisting of  
 2-(2'-nitro-4'-methylsulphonylbenzoyl)-1,3-cyclohexanedione,  
 2-(2'-nitro-4'-methylsulphonyloxy benzoyl)-1,3-cyclohexanedione,  
 2-(2'-chloro-4'-methylsulphonylbenzoyl)-1,3-cyclohexanedione,  
 4,4-dimethyl-2-(4-methanesulphonyl-2-nitrobenzoyl)-1,3-cyclohexanedione,  
 2-(2-chloro-3-ethoxy-4-methanesulphonylbenzoyl)-5-methyl-1,3-cyclohexanedione and  
 2-(2-chloro-3-ethoxy-4-ethanesulphonylbenzoyl)-5-methyl-1,3-cyclohexanedione.
7. (Canceled)
8. (Previously Presented) A herbicidal composition according to claim 1, wherein the compound of formula (II) is a phosphate in which R<sup>11</sup>, R<sup>12</sup> and R<sup>13</sup> are all independently alkoxy groups.
9. (Previously Presented) A herbicidal composition according to claim 1, wherein the compound of formula (II) is a phosphonate in which R<sup>11</sup> and R<sup>12</sup> are both independently alkoxy groups and R<sup>13</sup> is an alkyl, alkenyl or optionally substituted phenyl group.

10. (Previously Presented) A herbicidal composition according to claim 1, wherein the compound of formula (II) is a phosphinate in which R<sup>11</sup> is an alkoxy group and R<sup>12</sup> and R<sup>13</sup> are both independently an alkyl, alkenyl or optionally substituted phenyl group.

11. (Previously Presented) A process for the control of at least one weed, said process comprising applying to a locus of the at least one weed a herbicidally effective amount of a composition as claimed in claim 1.

12. (Previously Presented) A method of improving the selectivity of a metal chelate of a 2-(substituted benzoyl)-1,3-cyclohexanedione of formula (I) as defined in claim 1, when applied to unwanted vegetation in a crop of useful plants, said method comprising the applying of a herbicidally effective amount of a composition as claimed in claim 1.

13. (Previously Presented) The process of claim 11, wherein the at least one weed is selected from the group consisting of *Stellaria*, *Nasturtium*, *Agrostis*, *Digitaria*, *Avena*, *Setaria*, *Sinapis*, *Lolium*, *Solanum*, *Phaseolus*, *Echinochloa*, *Scirpus*, *Monochoria*, *Sagittaria*, *Bromus*, *Alopecurus*, *Sorghum halepense*, *Rottboellia*, *Cyperus*, *Abutilon*, *Sida*, *Xanthium*, *Amaranthus*, *Chenopodium*, *Ipomoea*, *Chrysanthemum*, *Galium*, *Viola*, and *Veronica*.

14. (Previously Presented) The process of claim 11, wherein the locus is soil, seed, seedling or established vegetation.